

IT314 – SOFTWARE ENGINEERING

Lab 9 – UI / UX Design

Group 15:

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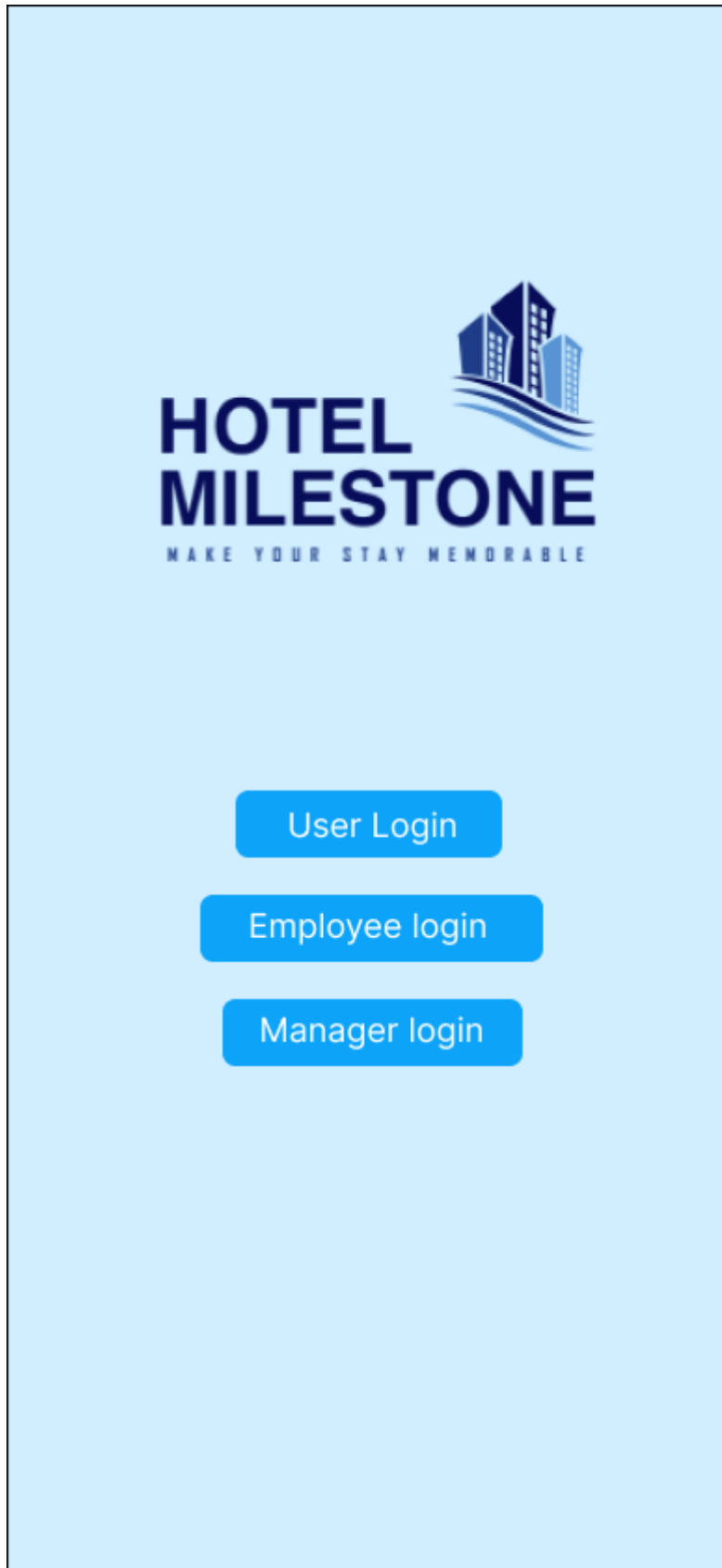
201901030 – Bhuminkumar Patel

201901056 – Smit Patel

201901057 – Shivam Patel

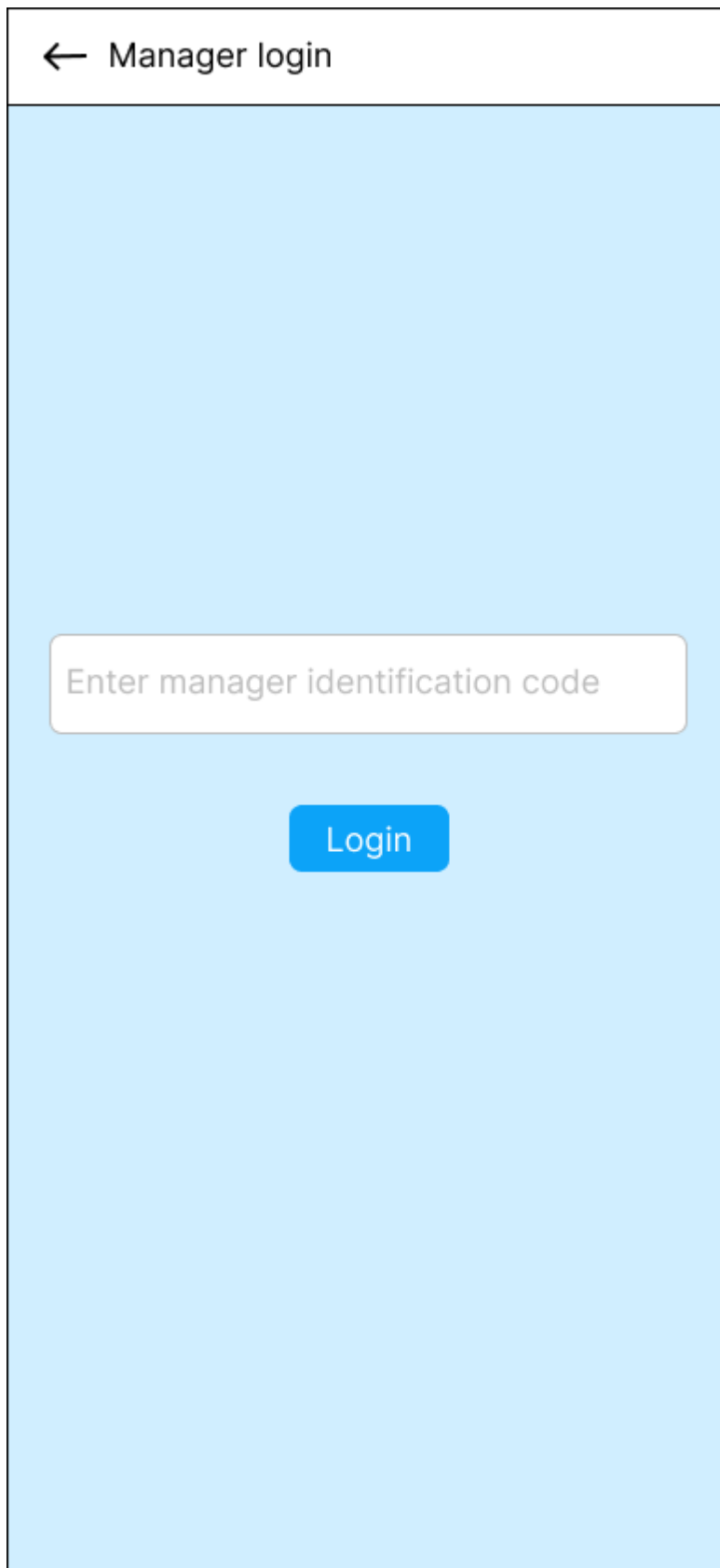
201901100 – Shubham Patel

1.



- This is the **Home** page of our application. When any external entity opens the application, this page will be appeared.
- There is a logo of application.
- There are 3 features: **User Login**, **Employee Login** and **Manager Login**.
- User can login through **User Login** button and it will redirect user to page 9(**User login** page).
- Employee can login through **Employee Login** button and it will redirect user to page 8(**Employee login** page).
- Manager can login through **Manager Login** button and it will redirect user to page 2(**Manager login** page).
- We formed group for all 3 buttons **User Login**, **Employee Login**, **Manager Login** and header.

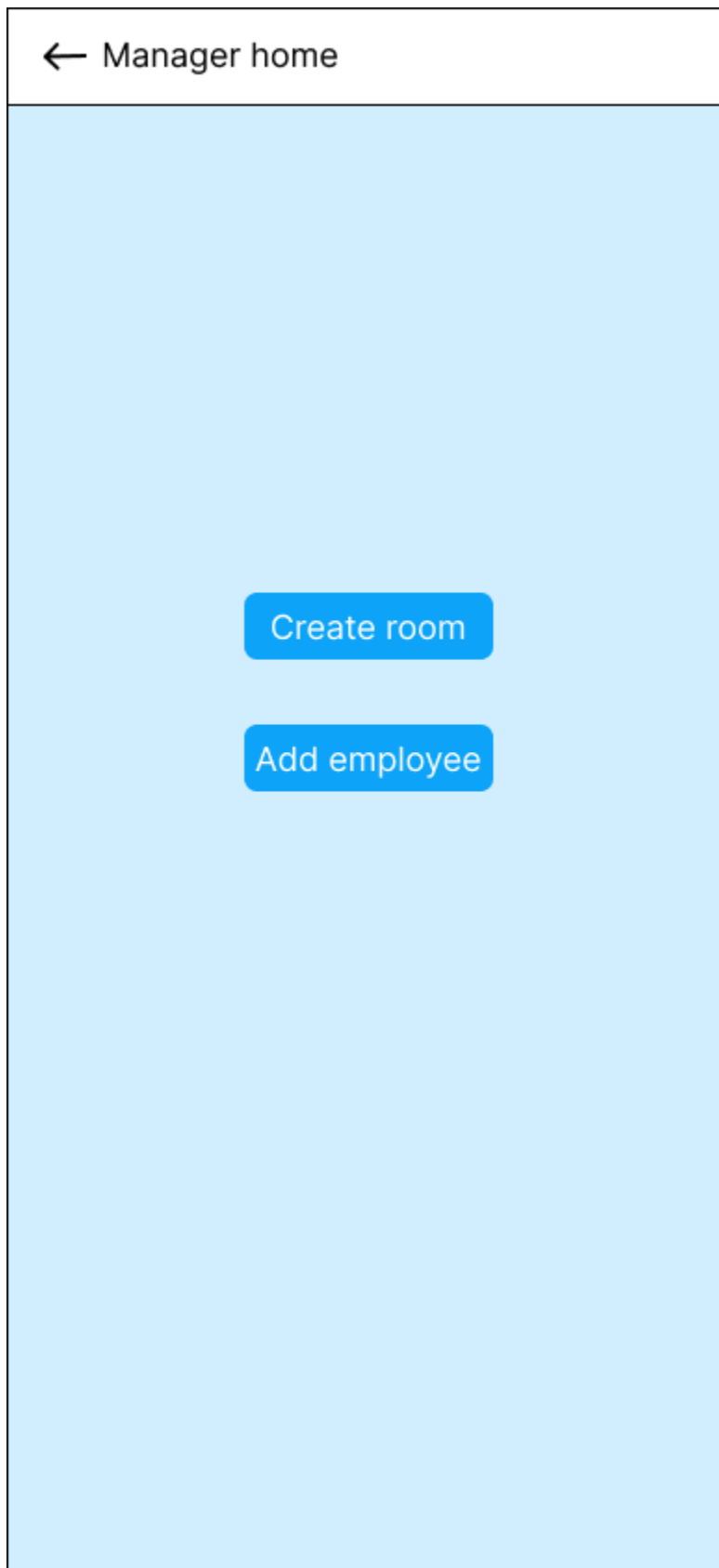
2.



The image shows a mobile app screen for 'Manager login'. At the top, there is a white header bar with a left-pointing arrow and the text 'Manager login'. The main area of the screen has a light blue background. In the center, there is a white rounded rectangular text box containing the placeholder text 'Enter manager identification code'. Below this text box is a blue rounded rectangular button with the white text 'Login'.


- This is **Manager Login** page.
- Manager can enter his/her identification code in the text box and then press **Login** button. Then it will redirect to page 3(**Manager home** page).
- **Back** button will redirect to page 1(**Home** page).
- We formed group for text box, **Login** button and header.

3.



- This is **Manager home** page.
- Manager can create room by using **Create Room** button and add employee by using **Add Employee** button.
- **Create Room** button will redirect to page 4(**Create Room** page).
- **Add employee** button will redirect to page 6(**Add Employee** page).
- **Back** button will redirect to page 2(**Manager login** page).
- We formed group for both buttons **Create Room** and **Add Employee** and header.

4.

 Create room


Room details :

Room id :

Description :

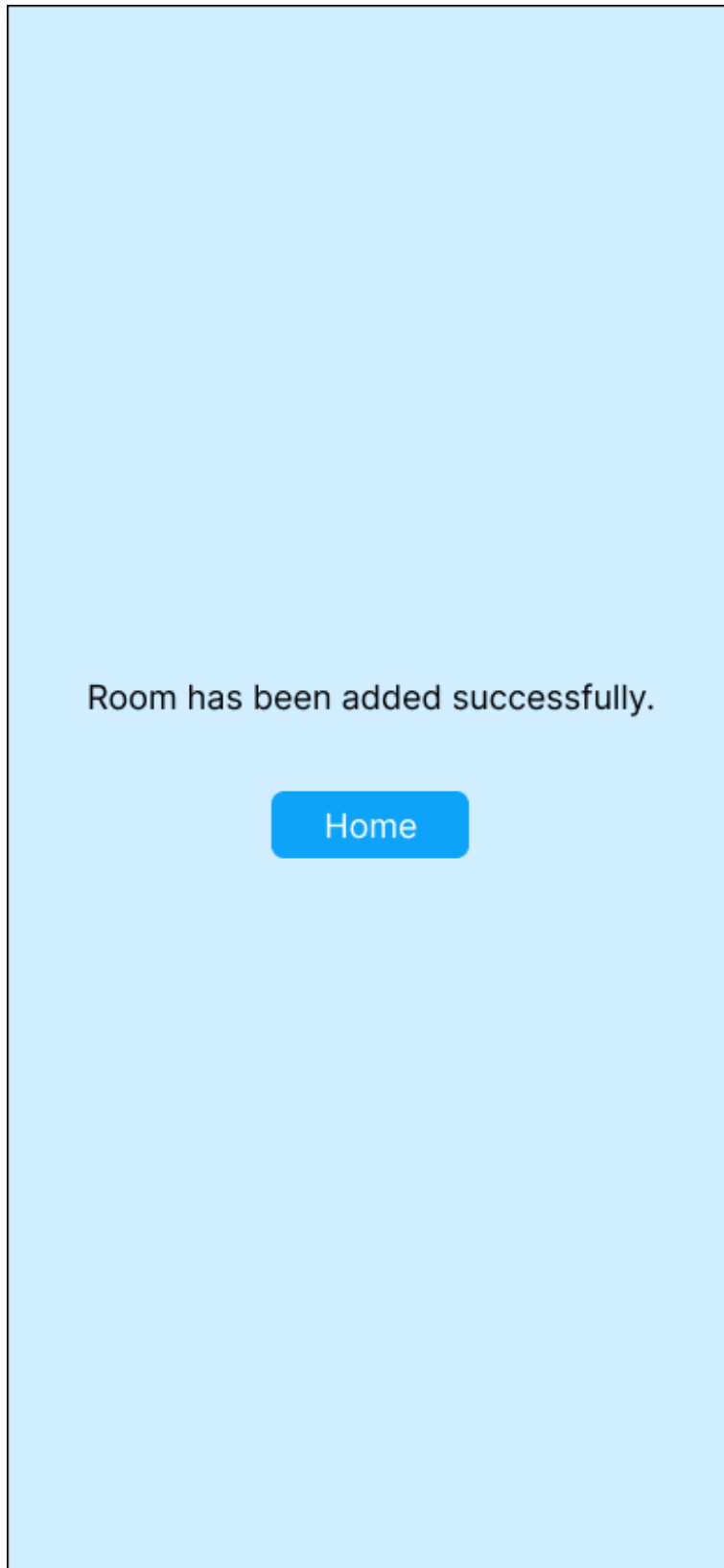
Price :

AC room : ☐

Add room image : 


- This is **Create Room** page.
- Manager can fill new Room details like **Room id, Room Description, Room Price, AC Room or not** by check button and **Add room image** by using PLUS sign. Then he/she can press **Add** button to create new room.
- **Add** button will redirect to page 5(**Add room confirmation** page).
- **Back** button will redirect to page 3(**Manager home** page).
- We formed group for all details like **Room id, Room Description, Room Price, AC Room** with respective text box and also for **Add** button.

5.



- This is **Add room confirmation** page.
- After pressing **Add** button on **Create Room** page, new room will be created and manager will see the confirmation message.
- **Home** button will redirect to page 3(**Manager home** page).
- We formed group for **Home** button.

6.

 Add employee

Employee details :

Name :

name

Email id :

Abc123@xxx.com

Mobile no :

+91 xxxxx xxxxx

Age :

xx

Set Username :

username

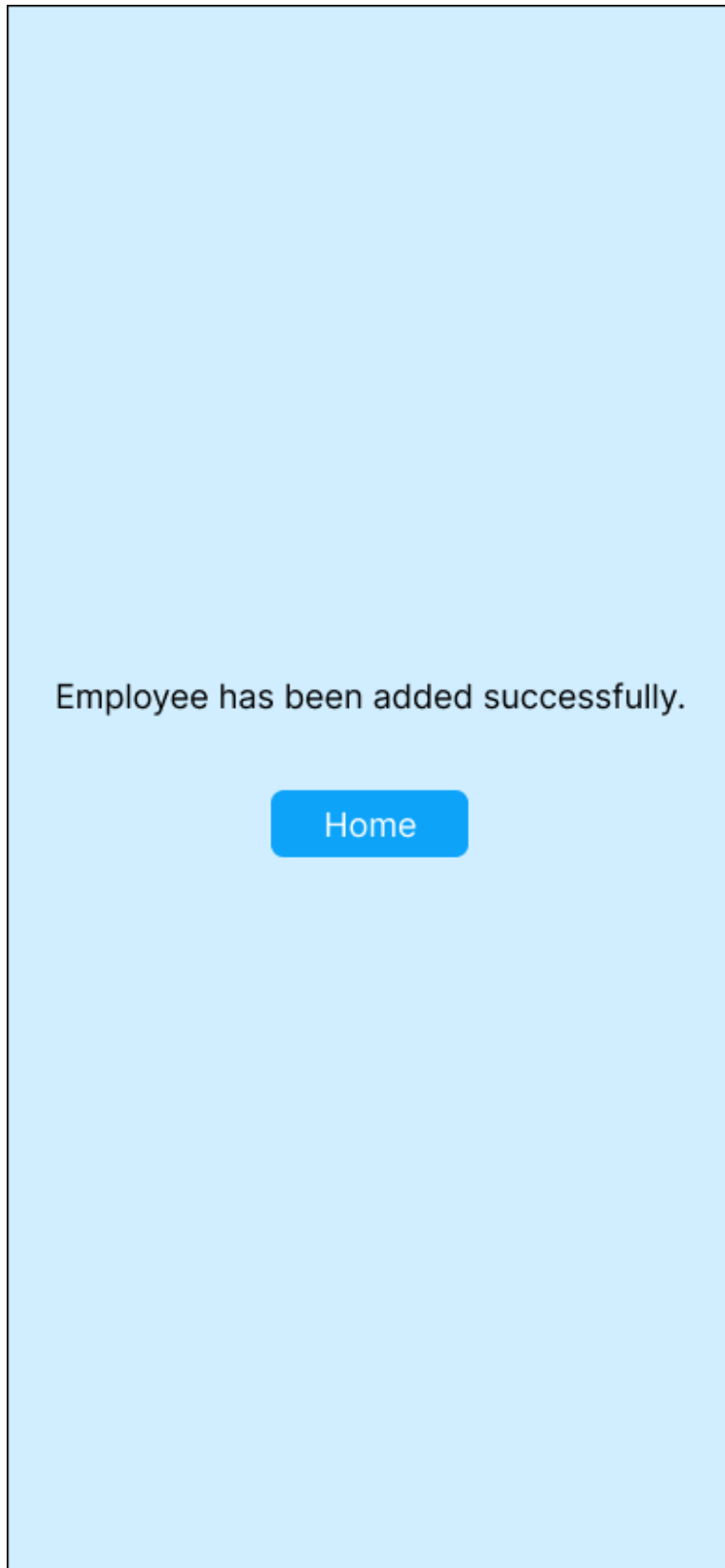
Set Password :

password

Add

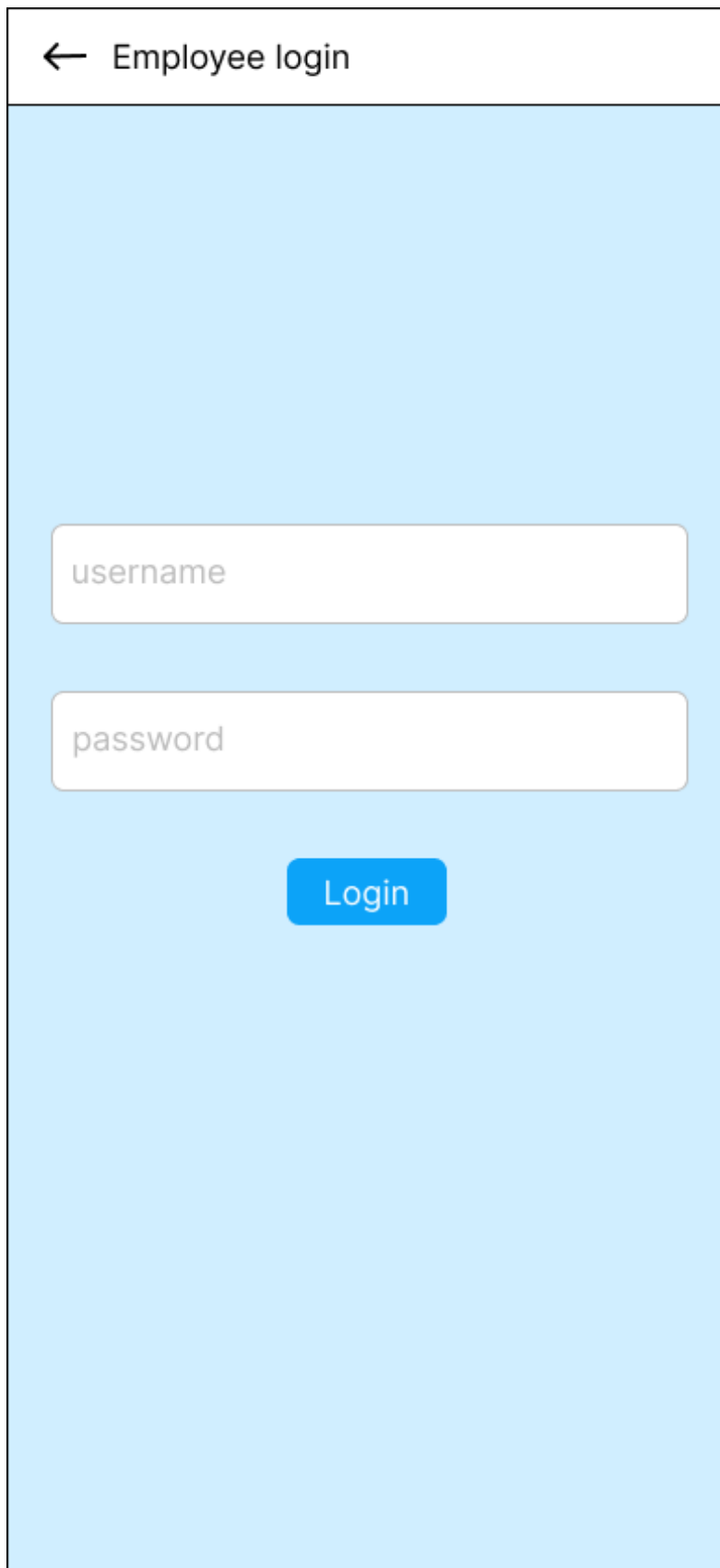
- This is **Add Employee** page.
- Manager can fill new employee details like **Name, Email id, Mobile number** and **Age**. Manager can set **Username** and **Password** for employee. Then he/she can press **Add** button to add new employee.
- **Add** button will redirect to page 7(**Add employee confirmation** page).
- **Back** button will redirect to page 3(**Manager home** page).
- We formed group for all details like **Name, Email id, Mobile number, Age, Set Username, Set Password** with respective text box and also for **Add** button.

7.



- This is **Add employee confirmation** page.
- After pressing **Add** button on **Add employee** page, new entry of employee will be done and manager will see the confirmation message.
- **Home** button will redirect to page 3(**Manager home** page).
- We formed group for **Home** button.

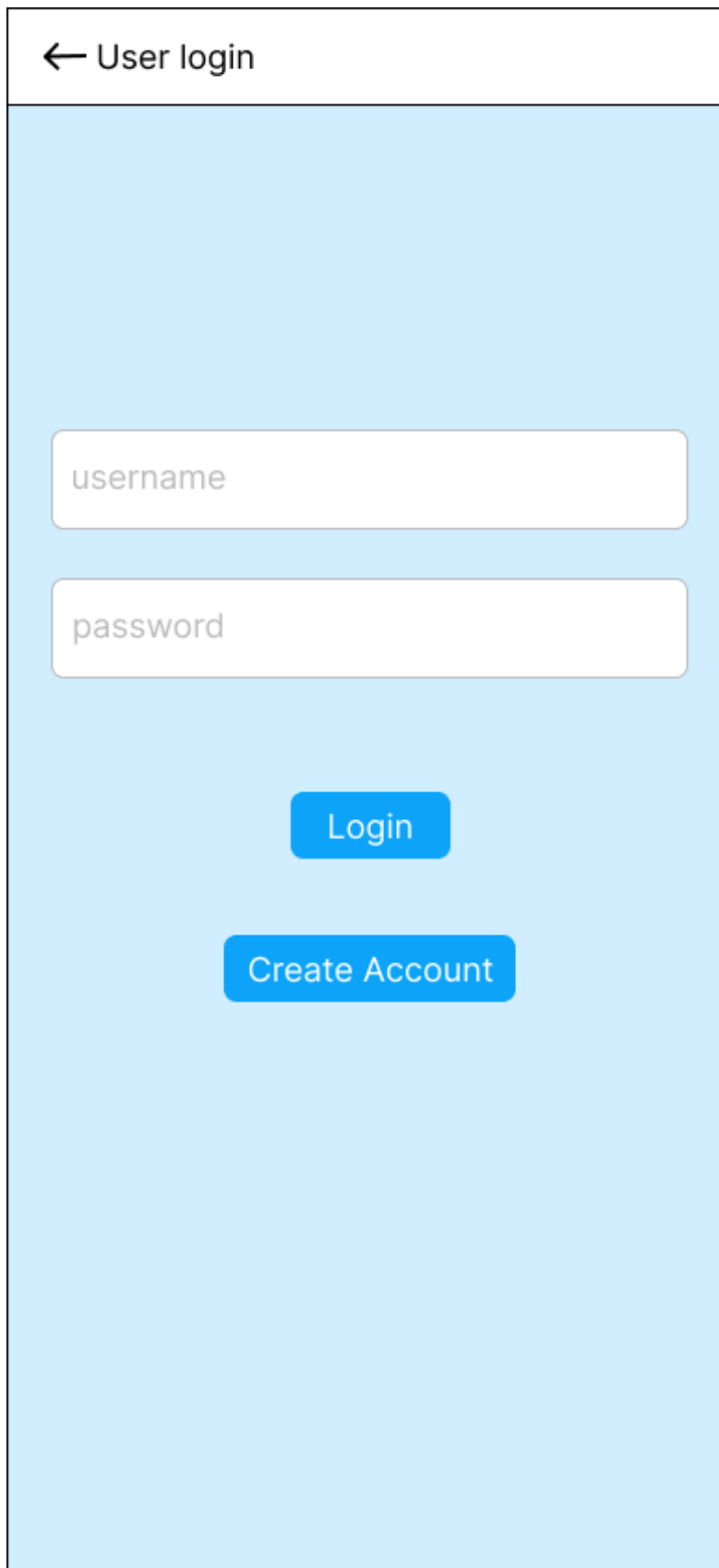
8.



The image shows a mobile app screen for 'Employee login'. At the top, there is a white header bar with a left-pointing arrow and the text 'Employee login'. The main area of the screen has a light blue background. It contains two white text input fields: the first is labeled 'username' and the second is labeled 'password'. Below these fields is a blue button with the text 'Login' in white.

- This is **Employee Login** page.
- Employee can enter his/her **username** and **password** in the text box and then press **Login** button.
- **Back** button will redirect to page 1(**Home** page).
- We formed group for all text box and **Login** button and header.

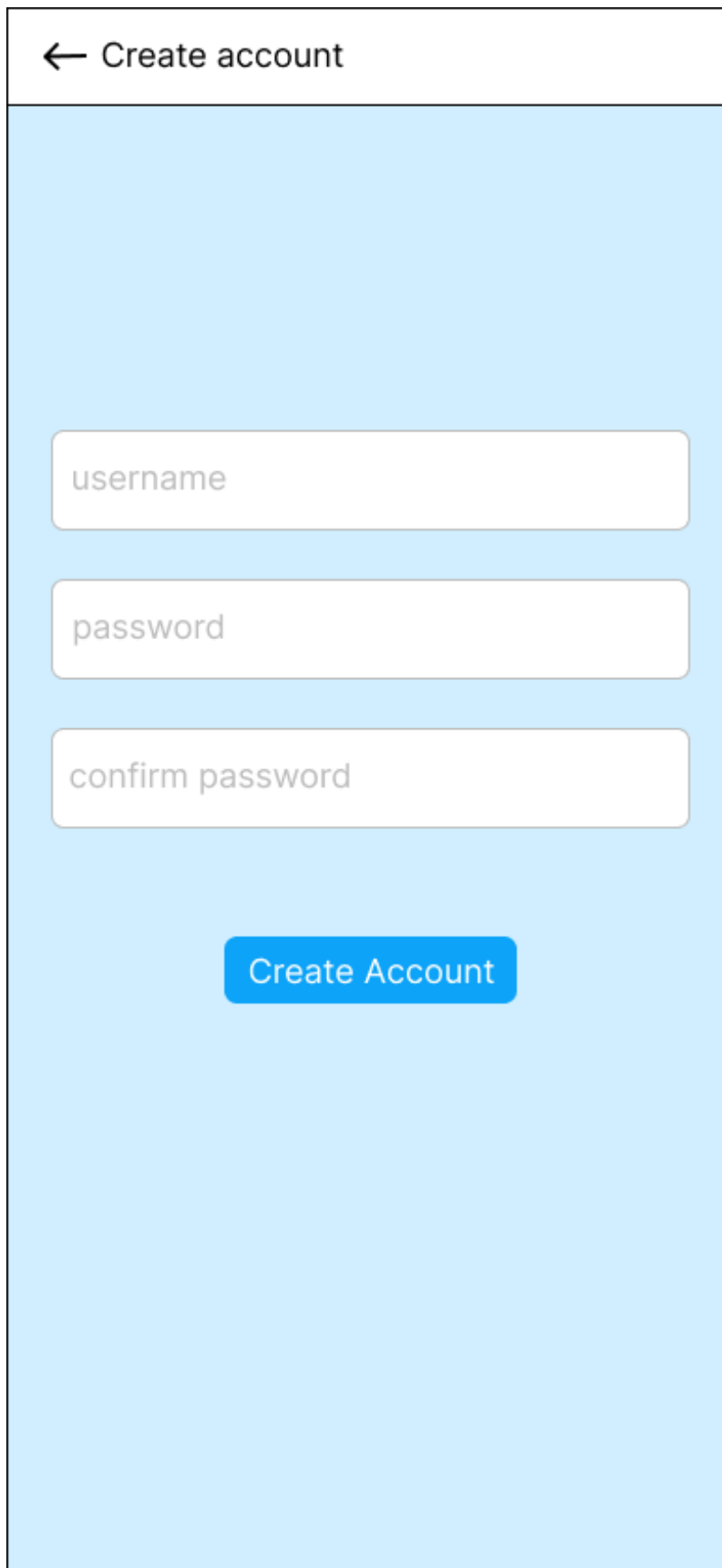
9.



The image shows a mobile app screen for user login. At the top, there is a white header bar with a back arrow icon and the text "User login". The main area has a light blue background. It contains two white text input fields: the first is labeled "username" and the second is labeled "password". Below these fields are two blue buttons: "Login" and "Create Account".

- This is **User Login** page.
- Existing user can enter his/her **username** and **password** in the text box and then press **Login** button and it will redirect to page 12(**Room list** page).
- If user is new, then he/she can press **Create Account** button to create new account and it will redirect to page 10(**Create account** page).
- **Back** button will redirect to page 1(**Home** page).
- We formed group for all text box and **Login**, **Create Account** button and header.

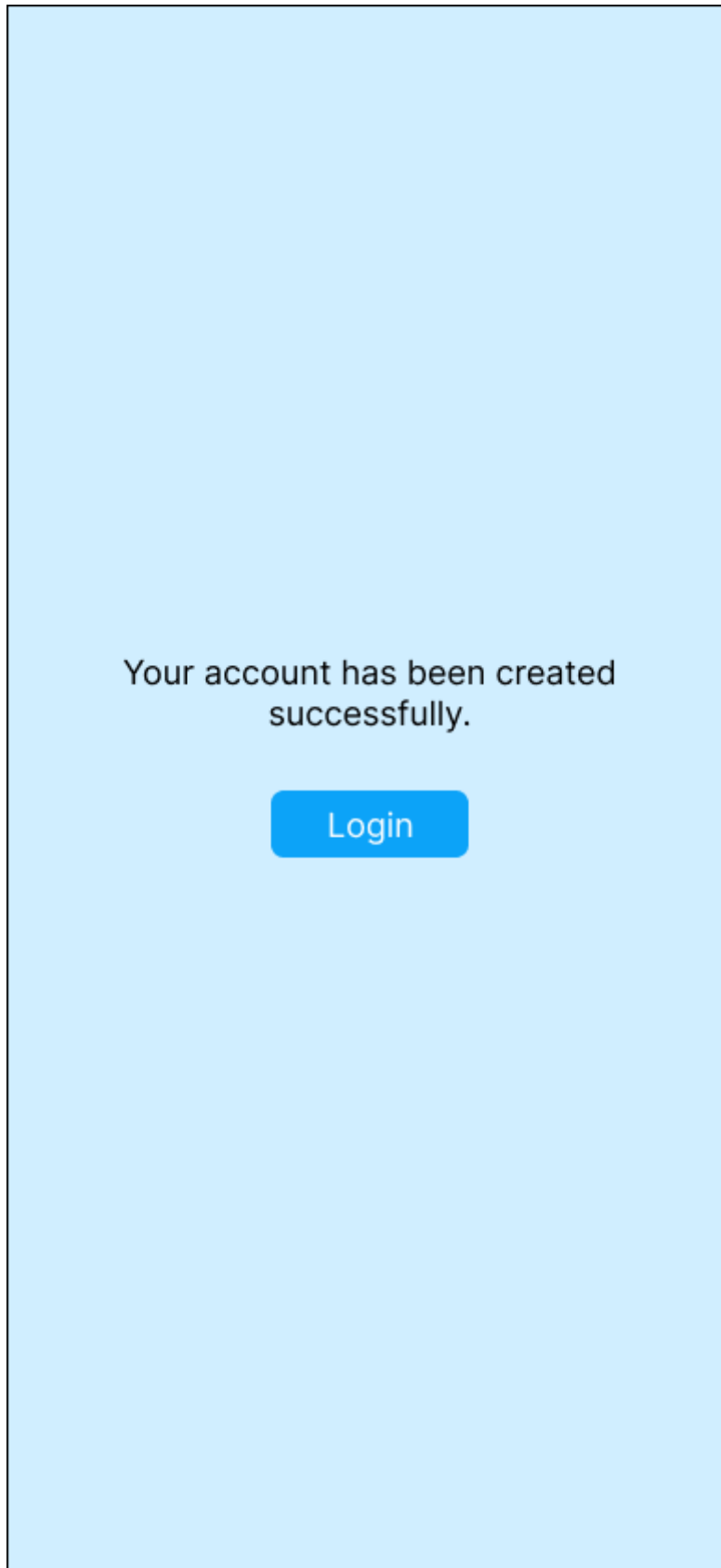
10.



The image shows a mobile app screen for creating an account. At the top, there is a white header bar with a back arrow icon and the text "Create account". The main area of the screen has a light blue background. It contains three white text input fields stacked vertically, with placeholder text "username", "password", and "confirm password". Below these fields is a blue button with the text "Create Account".

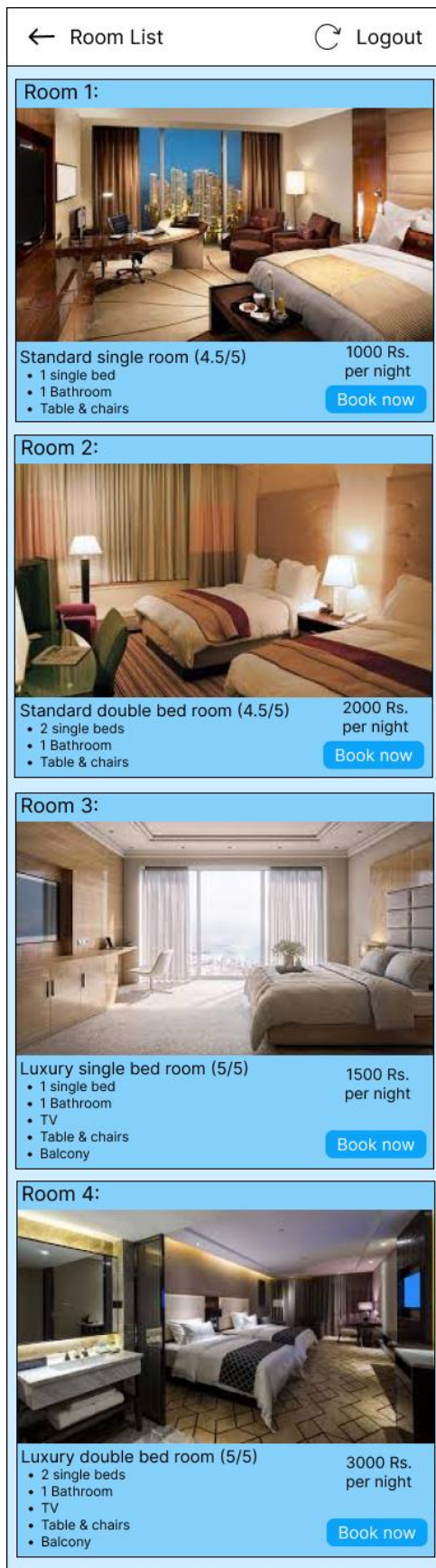
- This is **Create account** page.
- New user can enter his/her **username**, **password**, again **password** for confirmation then press **Create Account** button and it will redirect to page 11(**Create account confirmation** page).
- **Back** button will redirect to page 1(**Home** page).
- We formed group for all text box, **Create Account** button and header.

11.




- This is **Create account confirmation** page.
- After pressing **Create Account** button on **Create account** page, new account for user will be created and user will see the confirmation message.
- **Login** button will redirect to page 9(**User Login** page).
- We formed group for **Login** button.

12.



- This is **Room list** page.
- After pressing **Login** button on **User login** page, user will redirect to this page for booking room.
- This page contains details of available rooms along with **room number**, **description**, **rate** etc.
- User will press **Book now** button to book room and it will redirect to page 13(**Booking details** page).
- **Back** button will redirect to page 9(**User login** page).
- **Refresh** button will refresh room list and stay on this page.
- **Logout** button will redirect to page 9(**User login** page).
- We formed group for particular room details, **Book now** buttons and header.

13.

 Booking details

Booking details for Standard single room

Name :

your name

Email id :

Abc123@xxx.com

Mobile no :

+91 xxxxx xxxxx

Guests :

Adults

+

Children

Check in date :

DD / MM / YYYY


Check out date :

DD / MM / YYYY

Make payment

- This is **Booking details** page.
- After pressing **Book now** button on **Room list** page, user will redirect to this page.
- User need to enter details like **Name**, **Email id**, **Mobile number**, **Guests (Adults and Children)**, **Check in date**, **Check out date**.
- For payment, user need to press **Make Payment** button and it will redirect to page 14(**Payment details** page).
- **Back** button will redirect to page 12(**Room list** page).
- We formed group for all details with respective text box, **Make payment** button and header.

14.

 Payment details

Amount payable

1000 Rs.

Card number :

XXXX-XXXX-XXXX-XXXX

Expiry month :

Expiry year :

CVV :

Month

Year

XXX

Name on the card :

Name

Pay

- This is **Payment details** page.
- After pressing **Make payment** button on **Booking details** page, user will redirect to this page.
- User can see the rate of selected room on top. User need to enter details like **Credit/Debit card number, Expiry month, Expiry date, CVV code, Name on the card** for further payment process.
- For further payment process, user need to press **Pay** button and it will redirect to page 15(**Authenticate Payment** page).
- **Back** button will redirect to page 13(**Booking details** page).
- We formed group for all details with respective text box, **Pay** button and header.

15.

← Authenticate Payment

Merchant : Hotel Milestone

Transaction amount : 1000 RS

Credit / Debit card : xxxx xxxx xxxx xxxx

Authentication :

OTP sent to your mobile number +91-xxxxx
xxxxx

Enter One Time Password (OTP)

X-X-X-X-X-X

Pay

Important -To activate your Debit / Credit card for online transactions (if you are a new XXX bank customer or haven't transacted online after DD-MM-YYYY), please send an sms SWON<space>ECOM<space>XXXX to 01234567890 (where XXXX is the last 4 digits of your XXX bank Debit / Credit Card) from your registered mobile number.

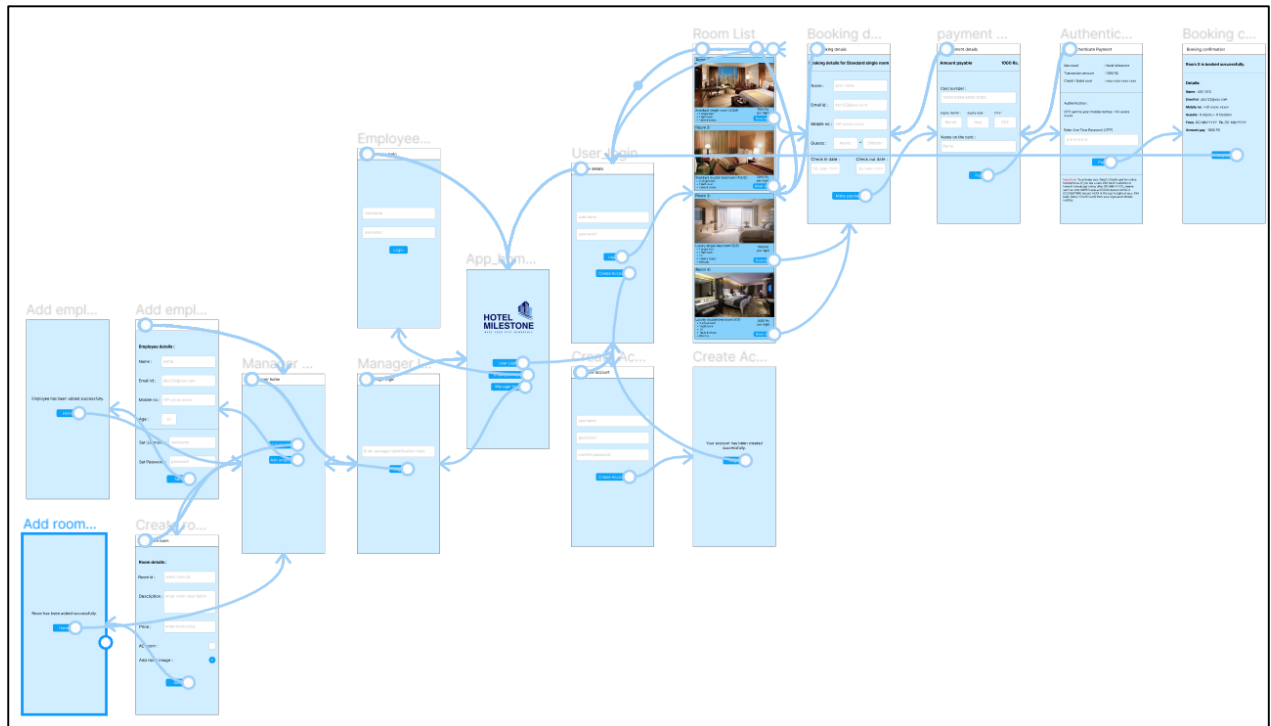
- This is **Authenticate payment** page.
- After pressing **Pay** button on **Payment details** page, user will redirect to this page.
- User can see **merchant name**, **transaction amount** and **credit/debit card number**.
- In **Authentication** section, user will see that OPT has sent to his/her registered phone number.
- For further payment process, user need to enter 6 digit OPT and then press **Pay** button and it will redirect to page 16(**Booking confirmation** page).
- User can see some important notice about activating credit/debit card at the bottom of the page.
- **Back** button will redirect to page 14(**Payment details** page).
- We formed group for all text boxes with respective sections, **Pay** button and header.

16.

Booking confirmation
Room X is booked successfully.
Details: Name : ABC XYZ Email id : abc123@xxx.com Mobile no : +91 xxxxx xxxxx Guests : X Adults + X Children From. DD-MM-YYYY To. DD-MM-YYYY Amount pay : 1000 RS <div>Log out</div>

- This is **Booking confirmation** page.
- After pressing **Pay** button on **Authenticate payment** page and successful payment, user will redirect to this page.
- User can see his/her **booked room number** and details like **name, email id, mobile number, guests, check in and check out dates, amount pay.**
- **Log out** button will redirect to page 9(**User Login** page).
- We formed group for all text box section, **Log out** button and header.

Prototyping between pages:



Importance of UI/UX in software products.

- The primary goal of any business is to increase its sales and increase the growth of the business. UX/UI design plays an essential role in achieving this goal. The UX/UI design of the application improves the user experience and customer satisfaction that ultimately helps increase the number of users of the specific application.
- The UI and UX design help to win the consumers' confidence and make them use your application or website providing them what they are looking for. The number of consumers you are getting on your application can measure the success of the great UI and UX.
- For a start-up or a small venture, the importance of UI and UX design becomes even more crucial as the first impression lasts long and using UI and UX designing can make or break the brand recognition.